From **ACT** to **IMPACT**

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Our Choices Matter.

Photo Credit: Barby Dalbosco, https://unsplash.com/photos/84q-yqafiqU

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Presentation arc

- The angle of repose and critical transitions
  - The scholarly communications system
- Collective Impact
  - Applying the framework in our system
- Networked leadership
  - Multi-perspective decision making

Photo Credit: Ilya, https://unsplash.com/photos/D62hQefhteg
Angle of repose
Critical transitions

- These mark the space between one stable state and another.

- Ecology, biology, economics, sociology, etc.
  - Identifiable criteria
  - Identifiable signals

- Require analysis of the whole system

Figure Credit: Rui Liu, Pei Chen, Kazuyuki Aihara, and Luonan Chen, http://www.nature.com/articles/srep17501

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Principle 1: Systems tend toward stasis
Principle 2: Stasis fails when key conditions align

e.g., Changes in the means of communication, New stakeholders in the system, Changes in political structures, Changes in the economy, etc...

Photo Credit: FlippyCat https://www.youtube.com/flippycat
Principle 3: Innovations happen on the fringes
Principle 4: Human networks create change


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IF

1. Systems tend toward stasis
2. Critical transitions are rare and marked by known factors
3. Human networks move innovations from fringe to center
4. For change to happen, all stakeholders need to support it

THEN

alignment is a transformative tactic

Source: ARL Statistics 2010-11
Association of Research Libraries, Washington, D.C.

Notes:
• Data for monograph/serials expenditures was not collected in 2011-12
• Includes electronic resources from 1999-2011

WHAT IF YOU COULD XEROX HAPPINESS?

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Areas of Specialization

- Cultural Anthropology
- Linguistic Anthropology
- Archaeology
- Physical Anthropology
- Applied Anthropology

Physical Anthropology

- Areas of Specialization:
  - **Human genetics** - inheritance and inherited variation
  - **Primatology** - living nonhuman primates
  - **Human biological variation** - evolutionary studies
  - Paleontology
  - Paleoanthropology
  - Human growth and development
  - Forensic Anthropology
  - Human ecology
  - Forensic ecology
  - Osteology
  - Applied Physical Anthropology
The Big Deal’s Foundation

1991
UK Information Systems Community and Institute for Scientific Information dataset: ISC supplements university subscriptions to ISI

1994
ISC/ISI renewal, seeking expansion, ISC fully funds license to ISI for all UK higher education establishments

1996
ISC fully funds a multi-journal/multi-year license to Academic Press’s titles to all UK higher education establishments

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Let me say that again...

The Big Deal was a short-term win for individual institutions and a long-term loss for the whole field

Such “deals” are easy to make when we’re focused only on our local interests.
“OK, sir, would you like inferno or non-inferno? … Ha! Just kidding. It’s all inferno, of course— I just get a kick out of saying that.”
faculty, researchers, administrators, university presses, libraries, research societies, nonprofit, consortia, commercial publishers, students, technologists @Educopia
**Pilot: Organizational Involvement in Collaborative Digital Preservation Activities**

**Contact:** Christine Dowden

The Chrysalis project explores the design and implementation of vertically integrated research alliances (VIRAs) comprising scholars, libraries, and scholarly presses. VIRAs could constitute a chrysalis of sorts for innovative digital research publications. To better understand this model, Educopia Research and the University of North Texas are investigating potential revenue streams and sustainability models, including possible redistribution of current university library investments in information resources and the creation of new sources of revenue generation to sustain research publishing.

**Distributed Digital Preservation**

**Contact:** Matt Schulze

Creating a framework to build effective, reliable, and auditable digital preservation environments with large geographic spreads.

**Nexus**

**Contact:** Katherine Skinner

Empowering leadership development organizations to strengthen the preservation infrastructure. The Nexus projects address the need for document cross-germination across leadership training groups to establish a training platform to train and evaluate bound participants.

**Mapping the Landscapes Interactive Survey Data Storyboards**

**Contact:** Eric Parchman

Creating a participatory forum for information exchange and focused work on the need for digital preservation.
What will tomorrow bring for today’s news?

What will tomorrow bring for today’s news?
If the mass media丧失 vigour of the past in the community has anything to say about it, tomorrow will bring an end to a serious, passing memory hole: the disappearance of our nation’s born-digital news record.

Participants in the “Save News” community include more than 100 journalists, news publishers, technologists, content management companies, press association directors, funders, researchers, archivists, professors, and researchers from all over the United States.

This cross-disciplinary group is laying a strong foundation of both local and national work to ensure that digital news content will be accessible to future researchers for years to come. They also form a strong advocacy network that has the potential to change the state of news preservation nationwide.

Why yesterday’s news is disappearing

For centuries, memory organizations—including libraries, archives, and historical societies—have depended on access to, and preserved print news for future researchers. As news has transitioned from print only to multimedia, most of these preservation relationships and workflows have broken. Major news stories that first came in as formats — e.g., the Digital Library initiatives or the IFCF initiative — are already lost. The high rate of news presents significant preservation challenges and is an urgent need of preservation attention that is not yet met.

What you can do

• Jump in and get involved—there are myriad projects moving forward already, and the community welcomes new voices, new perspectives, and new ideas!

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Spanning Our Field Boundaries:
Perspective shifts

- Individual
- Organization
- System
Impact
Our Choices Matter.

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